AeroGarden™

Green Beans & Snow Peas

Tending & Harvesting Guide

Planting Date:_____

Welcome

Thank you for your purchase of our AeroGarden. We have spent years developing and refining our technology to create a growing system that assures you will have a pleasurable and successful year-round gardening experience.

I sincerely hope you enjoy your AeroGarden and sharing your healthy harvest with your family and friends.

Best Regards,

Michael Bissonnette

Michael Bissonnette
Founder and CEO
AeroGrow International, Inc.

CONT

Your AeroGarden

AeroGarden Features. 3
Seed Kit Components 4
Smart Garden Control Panel Features. 4

Tending Your Garden

Garden Timelines 5
Remove Domes. 7
Thin Plants 8
Support Plants. 9
Add Water. 10
Feed Garden 11
Raise Lights 12
Pollinate Snow Pea Flowers 13
Keep Your Garden Healthy 14
Plant Problems and Remedies 15

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ENTS

Harvesting Your Garden

Harvest Your Green Beans . . 17

Harvest Your Snow Peas . . . 18

Green Beans and
Snow Peas Galore! 19

Appendices

Reminders About Planting
Your Garden 21

Questions and Answers
About Your Nutrients 23

Questions and Answers
About Your Lights 24

Set Your Light Timer 25

Troubleshooting 27

Prepare for Your
Next Garden 31

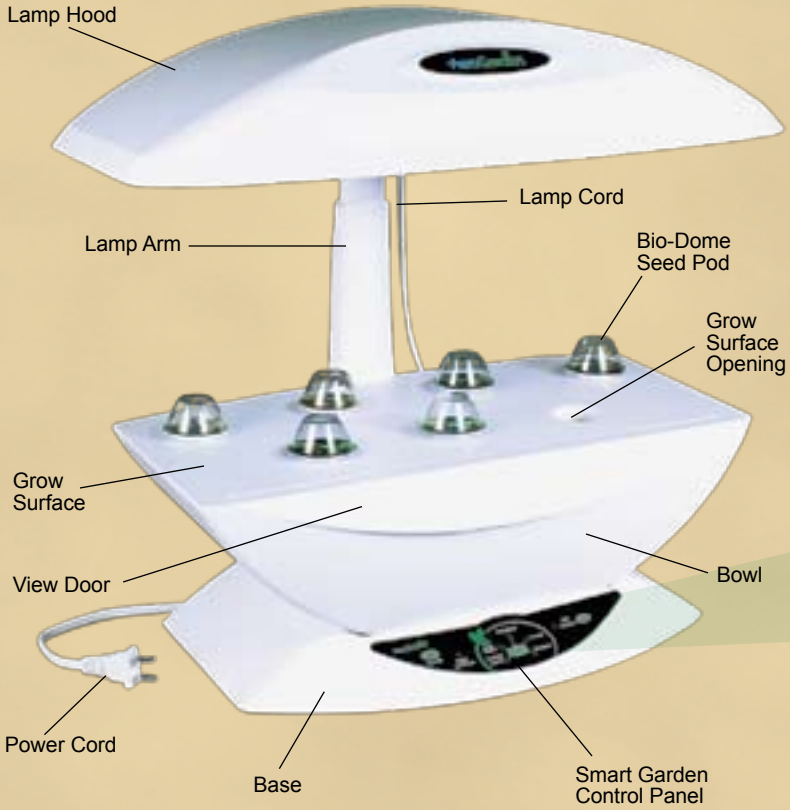
If You Have The
AeroGarden PRO*100* 34

If you have an AeroGarden PRO*100*, please refer to the supplemental instructions starting on page 34 of this Guide.

Whoever plants a garden plants happiness.
– CHINESE PROVERB

Your AeroGarden

AeroGarden Features



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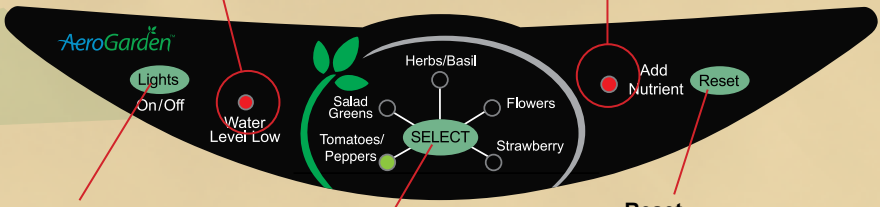
Seed Kit Components

Smart Garden Control Panel Features

Water Level Low
Light blinks when it is time to add water

Add Nutrient
Light blinks when it is time to add nutrient tablets (every 2 weeks)



Lights
Manually turns the lights on or off

Select
Sets Control Panel to your Seed Kit type – Use Tomatoes/ Peppers setting for Snow Peas and Green Beans

Reset
Press after adding nutrients to restart the nutrient timer and turn off the blinking lights

Tending Your Garden

A little bit of care for your Garden will ensure rapid growth and bountiful harvests. You will start to see sprouts in a few days and flowers in 5-6 weeks. Shortly after, you will experience the transformation of your seeds into delicious, tender green beans or snow peas.

Green Bean Garden Timeline

Your plants will germinate in just a few days.
You will see them grow very quickly after that.

After 2 weeks

After 4 weeks

After 8 weeks

After 10 weeks

Please take a moment to review this section shortly after planting your Garden (see page 21 for *Reminders About Planting Your Garden*).

Snow Pea Garden Timeline

Your plants will germinate in just a few days.
You will see them grow very quickly after that.

After 2 weeks

After 4 weeks

After 8 weeks

After 10 weeks

Remove Domes

- A few days after planting your AeroGarden, tiny plants will appear through the center hole in the *Label* on each *Seed Pod*.

  When this occurs, remove the *Domes* from each *Seed Pod* and discard or recycle. Do not remove the label.

- Remove the *Domes* only from *Seed Pods* with emerging plants.

- To reduce plant stress, we recommend removing the *Domes* shortly after the lights turn off or near the end of the light cycle.

Each *Seed Pod Label* indicates the number of days until your seeds sprout.

Don't let this happen!

If your plant is curled inside the *Dome*, it was left on too long. *Immediately remove* Dome.

> **!** Never remove the labels. They promote germination, decrease algae growth and identify your plants.

Thin Plants

- When your snow pea or green bean plants are about 1″ tall, check each *Seed Pod* for multiple plants. Using scissors, gently snip the smallest plants at the base of the stem, leaving ONE healthy plant in each *Seed Pod*.
- Thinning seedlings ensures that the remaining plant in each *Seed Pod* will have room to grow, get enough nutrients and water, and produce many, many snow peas or green beans.

! Be sure to cut, not pull, the extra seedlings to avoid damaging the roots of the strongest plant in each *Seed Pod*.

Support Plants

After thinning, it is time to put the *Support Wire* into place. These help your plants stay upright and bear the weight of many peas or beans without breaking or tipping over.

- Wrap *Support Wire* around two fingers to create a coil starting with the wrapped end of wire. Leave the exposed end of the wire uncoiled.

- Slip coiled *Support Wire* off of your fingers.
- Gently, stretch out the loops so that the entire *Support Wire* is about 4″ from end to end.

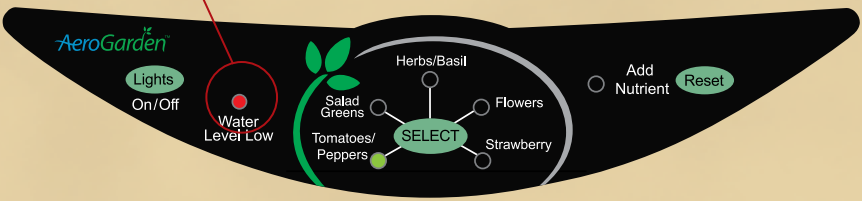
- Slip the *Support Wire* over plant (the uncoiled exposed wire first) gently guiding the plant into the center of the coil.

- Insert the exposed wire through the opening in the *Label*, down into the *Seed Pod* and into the *Grow Sponge*.

Add Water

- When additional water is needed, the "Water Level Low" light on the *Control Panel* will blink. Add water to raise the level up to *"Fill To Here"* inside the *Bowl*.
- It is okay to add water up to *"Fill To Here"* before the "Water Level Low" light blinks.
- When your plants mature, they may need water as often as twice a week. Be sure to check the "Water Level Low" light regularly.

Smart Garden Control Panel



- Use room-temperature water. Very hot or very cold water will hurt your plants.
- We recommend using municipal tap, bottled or purified water. Well or softened water SHOULD NOT be used because the extra minerals in these sources may be harmful to aeroponically grown plants.

Feed Garden

Every 2 weeks, both the "Add Nutrient" and "Water Level Low" lights will blink on and off. At that time:

1. Add 2 nutrient tablets from the bag labeled "Growing Nutrients."
2. Add water to raise the water level up to *"Fill To Here"* in the *Bowl*. This will ensure that the nutrients do not become too concentrated.
3. Press the "*Reset*" button to restart the nutrient timer and turn off the blinking lights.

Note: We recommend checking for bugs every time you add nutrients.
See Troubleshooting on page 27 of this guide for details.

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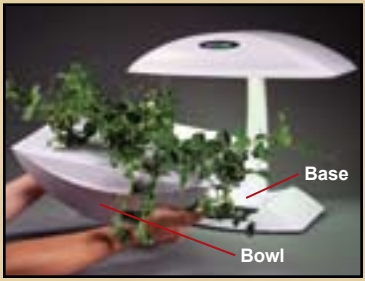
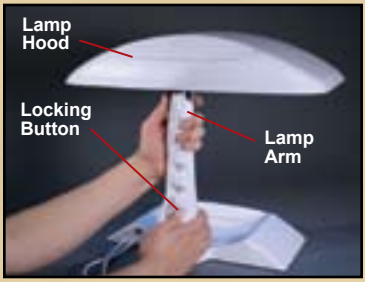
Raise Lights

As your plants begin to grow, leave approximately 1-2 inches of space between the top of plants and the lights.

To raise the lights:



1. Unplug the AeroGarden (the backup system will save your settings).
2. Carefully remove the *Bowl* from the *Base* and set aside.
3. Turn the AeroGarden around so the back of the *Lamp Arm* is facing you.
4. Firmly hold the lower section of the *Lamp Arm* and push in the *Locking Button* on the *Arm*. With your other hand, grasp the silver ring at the top of the *Arm* (where the *Lamp Hood* attaches to the *Arm*). Pull up firmly on *Lamp Hood* until the *Locking Button* becomes visible in the next hole.



Move Locking Button *up only one hole at a time. The lights need to be close to the plants for optimal light intensity.*

5. Replace the *Bowl* on the *Base* and plug in your AeroGarden.
6. *Lift the* View Door *to check that the water is flowing. If not, refer to Troubleshooting on page 27 of this guide.*

! If the *Grow Bulbs* are too close to the plants, the leaves may brown and burn. If they are too far away, your plants will "stretch" towards the light and look floppy and unhealthy.

Pollinate Snow Pea Flowers

In nature, pollination is done by the bees and the wind. Indoors, your snow pea plants depend on you to pollinate them.

You will need to start pollinating your plants regularly once they begin to flower (approximately 4 to 5 weeks after planting).

1. Place an open hand gently inside the plant branches.
2. Move your hand rapidly back and forth about 10 times to shake the plants. This movement will spread the pollen, though you will not be able to see it moving.
3. Repeat steps 1 and 2 for each snow pea plant.

   Pollinate your flowering snow pea plants at least every other day, and only when the lights are on.

! Hand pollinating is an important task. Snow peas will only grow from pollinated flowers.

Keep Your Garden Healthy

Keeping a watchful eye on your Garden is not only a joy, but also a smart way to make sure your plants stay healthy.

As your plants age you may see some brown or yellow leaves. This is perfectly normal.

- Remove these leaves with scissors or pinch off with your fingers.
- Keep the *Grow Surface* clear of dead leaves.
- Remove dead, brown stems at the base with scissors. These older branches will not continue to produce peas or beans.

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Plant Problems and Remedies

These pictures show plants that are stressed. Follow the suggestions to restore your Garden's health.

Wilted

Plant is not getting enough water. Check water level.

Burned

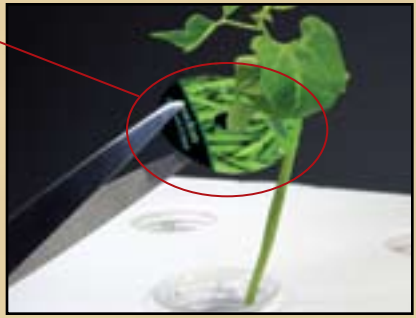
Plant is too close to the *Grow Bulbs*. Raise the *Lamp Hood*.

Curled Inside *Dome*

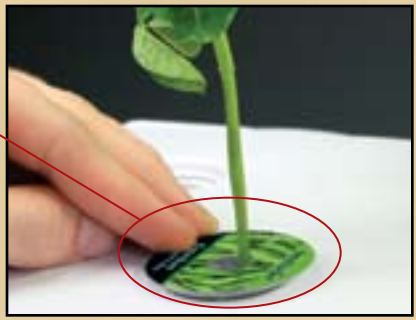
Dome was left on too long. Immediately remove *Dome*.

Green beans grow so quickly that sometimes they push the *Label* off the *Seed Pod*. If this occurs:

- Cut the *Label* to remove it from around the plant.



- Place the *Label* back on the *Seed Pod*. (*You may want to use a glue stick to secure the label to the pod*.)



Keeping the *Label* on the *Seed Pod* reduces algae growth.

Harvest Your Green Beans

After approximately 6 weeks you can begin harvesting your green beans.

A green bean is ready for picking when it is about 3-4 inches in length.

Pick green beans gently with your fingers:

- Hold the green bean loosely in your palm.
- Grasp the stem (slightly above the green bean) between thumb and pointer finger.
- Snap the stem between fingers. You can also use scissors to harvest your green beans.

If your green bean breaks during harvesting, take a moment to go back and snap the rest of it off. This will help keep your plant productive and healthy.

Harvest Your Snow Peas

After approximately 8 weeks, you can begin harvesting your snow peas. Your snow peas will be their tastiest when picked at just the right time.

Ripe – peas are full-sized, but not bulging.

Underripe – peas are not visible or are very small.

Overripe – peas are bulging inside pod.

Harvest Ripe Snow Peas

- Hold the snow pea loosely in your palm.
- Grasp the stem (slightly above the snow pea) between thumb and pointer finger.
- Snap the stem between fingers. You can also use scissors to harvest your snow peas.

If your snow pea breaks during harvesting, take a moment to go back and snap the rest of it off. This will help keep your plant productive and healthy.

! Keep an eye on your garden. Peas ripen very quickly and can go from underripe to ripe in just a day!

Green Beans and Snow Peas Galore!

Enjoy the sweetness of fresh Snow Peas and Green Beans raw or cooked.

- Great for snacking – right off the plant.
- Lightly steamed peas or beans taste great with a drizzle of olive oil, melted butter or vinegar.

- Add raw beans or peas to green leafy salads for a fresh, crisp taste.
- Snow peas or green beans add a "snap" to stir fries.
- Use fresh beans or peas as a crudité – perfect for scooping up your favorite dip.

For more recipes visit www.aerogrow.com

Sesame Green Beans or Snow Peas

2 to 3 handfuls of Green Beans or Snow Peas
3 Tbsp sesame seeds
1 tsp soy sauce
1 tsp sake
1/4 tsp sugar

Cook green beans or snow peas in boiling water until just tender (about 5 minutes for beans and 2 minute for snow peas.) Drain and cool. Toast the sesame seeds in a hot dry heavy frying pan (cast iron works well) until they start to pop and darken slightly. Transfer sesame seeds to small bowl. Mix in soy sauce, sake and sugar. Drizzle dressing over cooled green beans or snow peas.

Serves 2

Snow Peas with Lemon Herb Butter

1 Tbsp softened butter
1 tsp lemon zest
1/2 Tbsp tarragon, finely chopped
1/2 Tbsp parsley, finely chopped
Salt and pepper to taste
2 to 3 handfuls of snow peas

Stir together butter, lemon, tarragon and parsley. Cook snow peas in salted boiling water until tender-crisp (1 - 1-1/2 minutes). Drain snow peas. Transfer hot snow peas to serving bowl. Add lemon-herb butter and toss to coat. Add salt and pepper to taste.

Reminders About Planting Your Garden

Please use the Quick Start Guide included in your original AeroGarden box for more detailed setup instructions. If you no longer have your Quick Start Guide, you can find a copy of it on our website at www.aerogrow.com.

Setting up Your AeroGarden

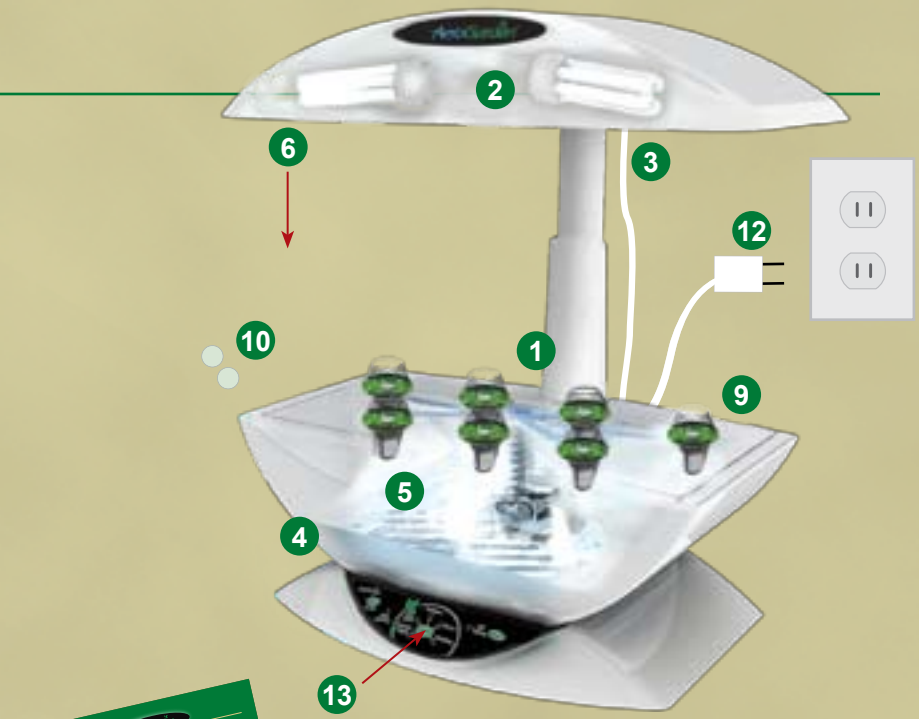
1. Is the *Lamp Arm* firmly inserted into the *Base*?
2. Are the *Grow Bulbs* firmly inserted into the sockets in the *Lamp Hood*?
3. Is the *Lamp Cord* plugged into the *Lamp Hood*?
4. Is the *Bowl* securely placed in the *Base*?
5. Is there water in your *Bowl* up to *"Fill To Here"*?
6. Is your *Lamp Hood* at the lowest level?

Planting Your Garden

7. Is there a *Seed Pod* in every *Grow Surface* opening?
8. Did you put a *Dome* on each *Seed Pod*?
9. Are the *Seed Pods* pressed firmly into the *Grow Surface* openings (until the rim of the *Dome* almost touches the *Grow Surface*)?
10. Did you add 2 *Starting Nutrient* tablets?
11. Did you record your planting date on the cover of this guide?

Starting Your Garden

12. Did you plug in your AeroGarden?
    - Is the water flowing?
    - Are the *Grow Bulbs* on?
13. Did you set your *Control Panel* to Tomatoes/Peppers?



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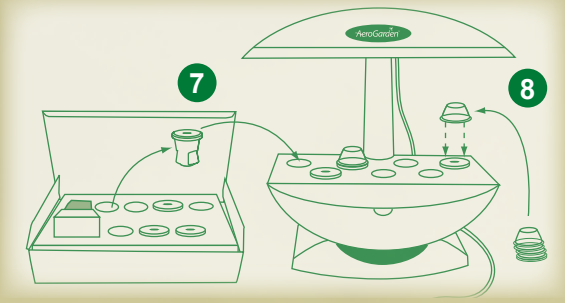

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Questions and Answers About Your Nutrients

What is in the nutrient tablets?

AeroGarden nutrient tablets consist mainly of mineral salts. These provide the 13 micro- and macro-nutrients that all plants require, in just the right proportions for your plants. The tablets also contain:

- Seaweed for a boost of 65 micro-nutrients and trace elements
- A buffer so you can use tap water for your plants
- A binder to hold the tablet together

Are the nutrients organic?

The AeroGarden nutrient tablets are organic, according to current AAPFCO (American Association of Plant Food Control Officials) standards.

Can I use leftover nutrient tablets from a different *Seed Kit* with my Green Bean or Snow Pea Garden?

No. The nutrient tablets are specially formulated for each *Seed Kit*. Using nutrient tablets from a different *Seed Kit* type may harm your plants and result in less than optimal flavor and growth.

What happens if I run out of nutrients while my Garden is still growing?

You can extend the life of your Garden by ordering additional nutrients. Call 1-800-476-9669 and select the "Place an Order" option.

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Questions and Answers About Your Lights

Do I need to turn the AeroGarden lights on and off manually?

No. Your AeroGarden includes a built-in timer that turns your lights on and off at specific intervals. These intervals are designed to maximize the growth of your plants. The timing system started as soon as you plugged in your AeroGarden. Every day it will automatically turn your lights on for 16 hours beginning at that time. For example, if you plugged in your AeroGarden at 7:00 in the morning, your lights will stay on until 11:00 in the evening, then automatically turn off for 8 hours, and automatically turn back on at 7:00 the next morning.

Can I change the time of day the lights go off?

Yes. To change the time your lights go off, follow the simple steps in "Set Your Light Timer" in the next section of this guide.

Does it matter what time of day the lights go off?

No. It makes no difference to the plants when your lights go on and off. Some people like to have the lights off when they go to bed and come on in the morning when they wake up. Others prefer to use the AeroGarden as a nightlight.

Even if you place your AeroGarden in a sunny location, you can still set the lights to go on at any time. The natural light shining through a window is weak compared to the intense light provided by the *Grow Bulbs*.

Can I change the number of hours the lights are on and off?

Only by selecting a different plant type on the *Smart Garden Control Panel*. The "Tomatoes/Peppers" setting will keep your lights on for 16 hours and off for 8 hours, which is an ideal light cycle for rapid growth of tasty green beans and snow peas.

Can I temporarily turn off my lights (for example, to darken the kitchen for a candlelight dinner)?

Absolutely. The "Lights" button on the *Smart Garden Control Panel* is an on/off switch. Just push and then immediately release this button to manually turn the lights off (or back on). This will not change any of the settings for your AeroGarden and your lights will turn on (or off) at the next regularly programmed time. Occasional use of this feature will not harm or slow the growth of your plants.

Set Your Light Timer

Your Built-In Light Timer

Your AeroGarden has lights and a built-in timer that automatically provide your plants with 16 hours of "sunlight" and 8 hours of "night," which is optimal for the healthy growth of green beans and snow peas.

As long as your plants get this amount of light, it does not matter when the lights are turned off. You may find it convenient to have the lights go on in the morning and off at night to match your own wake and sleep schedule.

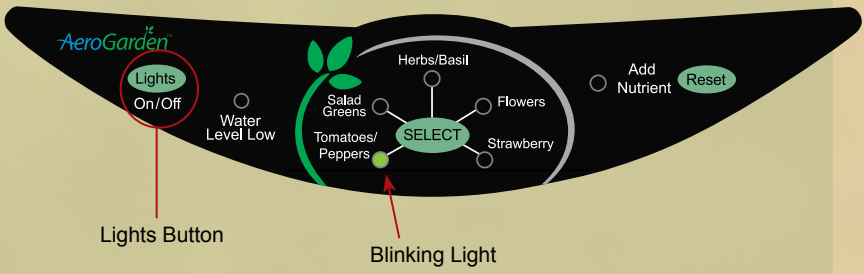
Note: If reflection from your AeroGarden lights is visible from your bedroom, you may want to set the lights to go off about the time you usually go to bed, so as not to disturb your sleep.

5 Simple Steps...

In order to make this as simple as possible you only need to set the time you want the lights of your AeroGarden to go off (Off Time) and your built-in light timer automatically sets the On Time... nothing more for you to do.

Do the following to set the time you want your lights to go off:

1. Decide what time of day you want the lights to go *OFF.*
2. *AT THAT TIME* check that the lights are on. If they are off, quickly press the *Lights* button and immediately release.
3. Press and hold the *Lights* button *until* the green light next to "Tomatoes/Peppers" starts blinking – *about 5 seconds*.
4. Release the button.
5. When the blinking stops (*about 9 seconds*), the lights will go off. Your lights are now set to go off at this time every day.



Now, each day, your AeroGarden lights will automatically

- Turn off at the time you set using the steps on the previous page
- Remain off for 8 hours
- Turn on for 16 hours

You can reset your timer as often as you want.

Note: In case of power failure, your AeroGarden has a backup system that stores your light and nutrient timers and plant selection settings. When the power is restored, your AeroGarden will go back to the Off-On cycle you have set.

Troubleshooting

What do I do when one of my *Grow Bulbs* burns out?

Replacement bulbs can be ordered from our website at **www.aerogrow.com**. You should replace your *Grow Bulbs* after 6 months of use.

What should I do if my *Grow Bulbs* aren't working?

Make sure the *Grow Bulbs* are firmly inserted into the sockets in the *Lamp Hood*. Also check that the *Lamp Cord* is plugged into the *Lamp Hood*.

How long does the backup battery last?

If your AeroGarden has a backup battery located in the underside of the *Base*, it will work for 6 months after activation. To replace it, use any CR2032 3-volt lithium battery.

(*Newer AeroGardens no longer rely on batteries to power the backup system.*)

What do I do if I want to move my AeroGarden to another location?

Go right ahead! Your AeroGarden has a built-in backup system that lets you unplug it without losing any of the settings.

To move your AeroGarden, be sure to pick it up by holding the *Lamp Arm* with one hand and sliding your other hand under the bottom of the *Base*.

Why do I have many flowers on my plants, but not even one snow pea seven weeks after planting my Garden?

The flowers on your snow pea plants are not pollinated. Make sure to hand pollinate your flowers every other day, as described on page 13 of this guide.

What do I do if I see bugs?

Occasionally bugs might decide to visit your plants. You will mainly see spider mites who usually find their way into homes by hitching a ride on clothing or cut flowers. They are clever about hiding under leaves and in the joints between leaves and plant stems, so they can be difficult to see at first.

Initial signs that you have bugs are either unhealthy-looking plants or a webbing between leaves.

To identify the bugs, we recommend you visit either *www.whatsthatbug.com* or the entomology (bug) department at Texas A&M University at *http://vegipm.tamu.edu/imageindex.html*.

This is the easiest way we've found to get rid of bugs:

1. Put 2-3 drops of castile soap into a 32-ounce spray bottle. (*Available online or at most natural food stores.*)
2. Fill spray bottle with water.
3. Lightly spray the plant leaves and gently rub the leaves between fingers to coat the leaf.

4. Check surrounding plants to make sure the bugs haven't spread. If they have, follow the above steps with any other buggy plants.
5. Repeat as needed.

(Continued on next page)

How do I take care of my Garden when I go out of town?

Add water to raise the level up to *"Fill To Here."* A newly planted Garden with *Domes* removed may not need care for up to 2 weeks. However, if your Garden is mature and you will be out of town for several days, we recommend you make arrangements for someone to care for your Garden while you are away.

Shouldn't water always be flowing over my *Seed Pods* and plant roots?

Yes and no. When you selected "Tomatoes/Peppers" on your *Smart Garden Control Panel* you selected a setting that has been specially designed to optimize the growth of green bean and snow pea plants by regulating the flow of water to the roots of your plants.

On the "Tomatoes/Peppers" setting, the AeroGarden moves water through the *Seed Pods* whenever the lights are on, and for an additional 4 hours when the lights are off to achieve maximum growth and flavorful green beans and snow peas.

If your lights are on and the water isn't flowing in your AeroGarden, please check the following:

- Is the *Lamp Arm* fully inserted into the *Base*? (see your Quick Start Guide, step 1B).
- Is the *Bowl* firmly seated in the *Base*? (see your Quick Start Guide, step 1F).
- If the water still isn't flowing, contact Customer Service (*see back cover of this Guide for contact options*).

My garden doesn't look healthy. What can I do?

If you are concerned about the health of your garden, please go

through the following before calling Customer Service…

- Keep the lights as close to your plants as possible, without the leaves touching the *Grow Bulbs*.
- Follow the thinning instructions in the *Thin Plants* section of this guide.
- Follow the pollinating instructions in the *Pollinate Snow Pea Flowers* section of this guide.
- Don't use softened or unfiltered well water.
- Continually harvest ripe snow peas and green beans.
- Check for insects.

What can I do to reduce the sound of water dripping from the *Seed Pods* into the *Bowl*?

Keeping the water level in the *Bowl* up to *"Fill To Here"* will help reduce the sound of dripping water. You can further reduce the dripping sound by wrapping or tying a string around the post of each *Plant Spacer* and allow it to extend into the water. The water will run down these strings instead of dripping directly into the *Bowl*. As your plants grow and the roots reach the water in the *Bowl*, the dripping noise will go away completely.

What should I do if my plants are hanging over the edges of my AeroGarden?

Please see the *Support Plants* section on page 9 of this guide and check that the *Support Wires* are properly inserted. If your peas need some additional support, gently direct the tops of the stems towards the middle of the AeroGarden. As they grow, they will twist together.

For green beans, there is not much you can do. The plants will still get plenty of light and produce many green beans.

Prepare for Your Next Garden

After the final harvesting of your snow peas or green beans:

1. Unplug the AeroGarden.

2. Carefully remove the *Bowl* and *Grow Surface* from the *Base* and bring to a sink.

   Set the *Base* and *Lamp Hood* aside.

   NEVER SUBMERSE BASE *AND* CONTROL PANEL *IN WATER.*

3. Remove the *Grow Surface* from the *Bowl* and place on a counter near the sink.

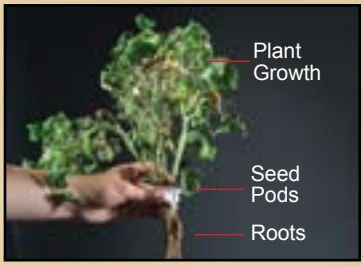
4. Empty contents of *Bowl* into sink.

Tomato plants shown in photos.

! Do not pour the water on your houseplants. The nutrient mixture may be too concentrated for them.

5 Remove *Seed Pods* and plants from *Grow Surface*.

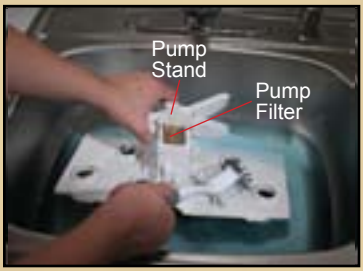
- Pull the *Seed Pods* out of the *Grow Surface* openings.
- Throw away *Seed Pods* and plant debris (plant growth and roots). These cannot be reused. If you compost, the plant debris can be composted.



6 Rinse and clean the *Pump Stand* and *Pump Filter**.

- Use a soft scrub brush to clean tangled roots from the *Pump Stand*.
- Remove the *Pump Filter* from the *Pump Stand*. Gently scrub the roots from the *Pump Filter*.
- Place the *Pump Filter* back into the *Pump Stand*.

After cleaning, there may still be a few roots in your Pump Stand *or* Pump Filter. *This will not affect the operation of your AeroGarden.*



**IMPORTANT NOTE: We recommend replacing the* Pump Filter *after growing two Gardens. Order* Pump Filters *at: www.aerogrow.com.*

(Continued on next page)

Prepare for Your Next Garden *(Continued)*

7. Clean the *Bowl* and *Grow Surface*.
   - Use a soft cloth or sponge to thoroughly wipe the *Bowl* and *Grow Surface*. A mild soap may be used if desired, but rinse thoroughly.
8. Sanitize your AeroGarden.
   - Fill *Bowl* 3/4 full with water.
   - Add 1 cup of chlorine bleach or disinfectant cleaner.
   - Replace *Grow Surface* on *Bowl*, place *Bowl* on *Base* and plug in AeroGarden for 1-2 minutes. (*Select Salad Greens on* Control Panel *to make sure the water is flowing.)*
   - Unplug AeroGarden and empty sanitizing water from *Bowl*.
   - Refill *Bowl* with tap water and replace on *Base*.
   - Plug in and run AeroGarden for 1-2 minutes. *(Select Salad Greens again.)*
   - Unplug AeroGarden and empty water from *Bowl*.
9. Towel dry the *Bowl* and *Grow Surface* before putting them back together and setting them back onto the *Base*.
10. Your AeroGarden is now ready for replanting.
11. If you have an AeroGarden with a backup battery and you plan on storing your garden before replanting, remove the backup battery from the underside of the *Base*. If you need to replace the backup battery, use any CR2032 3-volt lithium battery. (*Newer AeroGardens no longer rely on batteries to power the backup system.*)

! Use only water and mild soap when cleaning your AeroGarden (except when Sanitizing - Step 8). Do not use abrasive cleaners or run through the dishwasher.

About the...

AeroGarden™ PRO100

To take full advantage of the enhanced features on your AeroGarden PRO100, please refer to this section when using your Tending & Harvesting Guide. Enhanced features on the AeroGarden PRO100 include:

- **Replace Grow Bulbs** – indicator light lets you know when it is time to replace your Grow Bulbs. With this feature, you'll be sure your plants are always getting the right intensity and full spectrum of light needed for optimal growth.
- **Adaptive Intelligence** – automatically adjusts the amount of light, water and oxygen your plants receive at every stage of your plant's life.
- **"Super Grow" 24-Hour Light Cycle** – **this setting is not recommended for green beans or snow peas!**

AeroGarden PRO100 Smart Garden Control Panel Features

Water Low
Light blinks when it is time to add water

Add Nutrient
Light blinks when it is time to add nutrient tablets (every 2 weeks)

Lights
Temporarily turns the lights on or off

Reset
Press after adding nutrients and after replacing Grow Bulbs to reset timers and turn off the blinking lights

Replace Grow Bulbs
Light blinks when it is time to put in new Grow Bulbs

Select
Sets Control Panel to your Plant type or Super Grow Setting

Adaptive Intelligence
Light tracks garden growth from Germination to Mature Growth

(Continued on next page)

Tend Your AeroGarden PRO*100* Garden

For the most part, tending your garden with the AeroGarden PRO*100* is identical to the original AeroGarden. You still set the unit to your specific plant type and indictor lights will tell you when to add nutrients and when the water level is low. But now, you can enjoy two additional features: the "Replace Grow Bulbs" indicator and Adaptive Growth Intelligence™.

Replace Grow Bulbs

After 6 months of use, the quality of light from the *Grow Bulbs* in your AeroGarden PRO*100* begins to degrade. This happens with all fluorescent bulbs, but it is a critical issue when growing plants. In order for plants to be healthy and productive, they must receive the appropriate intensity and spectrum of light. For this reason, the AeroGarden PRO*100* is designed with a built-in timer that lets you know when it is time to replace your *Grow Bulbs*.

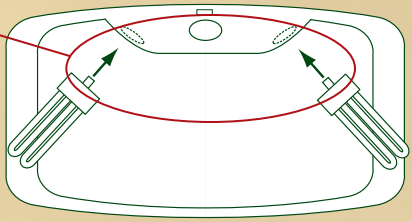
The light on the *Control Panel* next to "Replace Grow Bulbs" will blink after approximately 6 months of use.

NOTE: If you store your AeroGarden PRO100 between uses, the "Replace Grow Bulbs" timer stops when the unit is unplugged. The timer restarts when the AeroGarden PRO100 is once again plugged in.

When the red light next to "Replace Grow Bulbs" blinks, it is time to replace your *Grow Bulbs*.

To replace *Grow Bulbs*:

- Unplug AeroGarden PRO*100*.
- Remove old *Grow Bulbs* and carefully discard.
  IMPORTANT NOTE: *To avoid burning, be sure the lights are off and the* Grow Bulbs *are cool to the touch before handling.*
- Insert new *Grow Bulbs* into *Lamp Hood*.
- Plug in AeroGarden PRO*100*.
- Quickly press and release the "Reset" button to restart the "Replace Grow Bulbs" timer.



If for some reason you need to replace the *Grow Bulbs* before the "Replace Grow Bulbs" light illuminates, be sure to restart the "Replace Grow Bulbs" timer as follows:

- Press and hold the "Lights" button until the white light next to the plant type selected starts blinking – about 5 seconds.
- Release the "Lights" button. The plant type selected light will continue to blink for about 9 seconds. While the plant light is still blinking…
- Quickly press and release the "Reset" button. The "Replace Grow Bulbs" light will blink once and the plant selected light will stop blinking.
- The "Replace Grow Bulbs" timer is now reset.

Order replacement Grow Bulbs at: **www.aerogrow.com**

Adaptive Growth Intelligence™

(Light and Pump Cycles for Green Beans and Snow Peas)

The AeroGarden PRO*100* automatically adjusts the amount of light and water your plants receive based on plant growth to provide optimal growing conditions for every stage of your plants' life. The green lights on the *Control Panel* track garden growth from germination through mature growth.

The light and pump cycle on the "Tomatoes/Peppers" setting on the AeroGarden PRO*100* differs from what is described in other portions of this Tending & Harvesting Guide, which describes the original AeroGarden. The following information will help you take full advantage of the AeroGarden PRO*100*.

Light Cycle

On the "Tomatoes/Peppers" setting, the AeroGarden PRO*100* automatically turns the lights on for 18 hours and off for 6 hours during "Germination" and "Initial Growth" phases. When the plants are mature, less light is needed and the light cycle changes to 16 hours on and 8 hours off. Your lights will continue to turn off at the same time of day when the light cycle changes, but the time of day the lights turn on will shift.

For example, if your lights are programmed to turn off at 11:00 at night, they will remain off for 6 hours during "Germination" and "Initial Growth" and automatically turn back on at 5:00 the next morning. The lights will stay on for 18 hours and then automatically turn off at 11:00 at night. When your garden is in the "Mature Growth" phase, the lights will now turn on at 7:00 in the morning (two hours later). After 16 hours, the lights will automatically turn off at 11:00 at night (the same time as during earlier growth phases) and remain off for 8 hours and then turn back on at 7:00 the next morning.

If you find the new timing of the light cycle inconvenient, you can reset the time your lights turn off. Please see "Set Your Light Timer" on page 25 of this Guide. Use the table below to help you with changing the light timer.

Plant Stage	Hours of Light
Germination	18
Initial Growth	18
Mature Growth	16

Pump Cycle

"Adaptive Intelligence" also adjusts the amount of water your plants receive based on actual plant growth. As a result, the number of hours the pump moves water over the *Seed Pods* changes as your garden matures. During "Germination," the AeroGarden PRO*100* moves water through the *Seed Pods* 12 hours a day. There are 6 hours of each day when the pump is not running and the lights are on, providing your seeds with ideal conditions for sprouting.

During "Initial Growth," your plants need more water so the pump is on whenever the lights are on. When your garden moves into the "Mature Growth" phase, additional moisture and oxygen is needed to produce flavorful green beans and snow peas and the pump remains on at all times (24 hours a day).

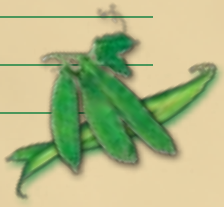
Prepare for Your Next AeroGarden PRO*100* Garden

Before planting a new garden in the AeroGarden PRO*100* it is important to restart the nutrient timer and set the "Adaptive Intelligence" program to "Germination" – the first phase of plant growth. Before planting a new garden:

- Press and hold the "Reset" button until the red "Add Nutrient" light blinks 3 or 4 times (approximately 9 seconds.)
- Release the "Reset" button. The "Add Nutrient" light will turn off.

NOTE: These steps do not reset the "Replace Grow Bulbs" timer.

My Garden Notes



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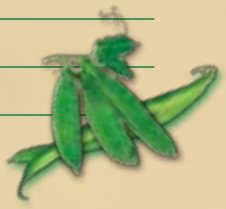

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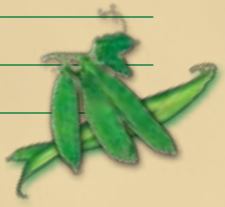

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Seed Kit Limited Warranty

What Is Covered

This warranty covers any defects in materials or workmanship or non-germination on all Seed Kits, and unsuccessful harvest either within 28 days of planting for non-fruiting Seed Kits with Basil or within 40 days of planting for non-fruiting Seed Kits without Basil, with the exceptions stated below.

How Long Coverage Lasts

This warranty expires one year past the Germination Test Date shown on the Seed Kit box.

What is Not Covered

The warranty shall not apply to problems arising from: normal wear; failure to adhere to included Tending & Harvesting instructions; serial numbered products if the serial number has been removed or defaced; products subject to negligence, accident, improper use, maintenance or storage; products damaged by circumstances beyond AeroGrow International, Inc.'s control; loss or damage to removable parts; or products modified (including, but not limited to, modifications through the use of unauthorized parts or attachments) or repaired by anyone other than AeroGrow International, Inc. or its designee. This warranty excludes all incidental or consequential damages. This warranty becomes void if the Seed Kit is used in a growing system other than the AeroGarden and/or made by any manufacturer other than AeroGrow International, Inc., or if materials not provided or recommended by AeroGrow are used in or on the AeroGarden or applied to the plants grown using this Seed Kit.

What AeroGrow Will Do

AeroGrow International, Inc., at its option, will repair any defects in materials or workmanship or will replace these products with ones of similar features and price. For unsuccessful harvest, AeroGrow International, Inc. will replace this Seed Kit with an equivalent Seed Kit of AeroGrow's choosing. For a non-germinating seed pod, AeroGrow will replace it with a new seed pod of the same seed variety. AeroGrow International, Inc.'s sole obligation and your exclusive remedy under this warranty shall be limited to such repair or replacement.

How To Return This Product

If you have questions or concerns with your AeroGarden, please **do not return to retailer**. Call Customer Service at 1-800-476-9669 for return authorization and instructions. Unauthorized returns, as well as C.O.D. shipments, will be refused.

Due to continuing improvements, actual product may differ slightly from the product described herein. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may have other legal rights that vary from state to state. If you have any questions please feel free to contact our customer service representatives at customerservice@aerogrow.com.

AeroGrow International, Inc., P.O. Box 18450, Boulder, CO 80308

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